CKC Lighting

Gobo Projector 1000(Standard)



Manufacturer	**CKC Lighting**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**32, 47 channels**
Beam angle	**6-53°**
Size (W × H × D)	**522 × 450 × 232 mm**
GDTF fixture type	**9F33ACAC-50F2-4715-956B-C7…**

Controls

Focus · Frost · Iris · Prism · Prism rotation · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Animation wheel · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset · Strobe

DMX modes

Standard 32CH	32 ch
Extended 47CH	47 ch

Standard 32CH

32 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 0% 255–255 100%
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	50	0–31 closed 32–63 open 64–94 min Strobe 95–95 max Strobe 96–127 shutter open(2) 128–158 min pulse 159–159 max pulse 160–191 shutter open(3) 192–222 min Random 223–223 max Random 224–255 shutter open(4)
4	Cyan	0	
5	Magenta	0	
6	Yellow	0	
7	C TO	0	0–254 6500K 255–255 2700K
8	Color Wheel	0	0–5 Color off (open) (wheel slot 1) 6–115 index 116–120 Open (wheel slot 1) 121–130 Deep Red (wheel slot 2) 131–140 Medium Blue (wheel slot 3) 141–150 Deep Green (wheel slot 4) 151–160 Amber (wheel slot 5) 161–170 Lavender (wheel slot 6) 171–180 CTB (wheel slot 7) 181–192 Open2 (wheel slot 1) 193–222 CW Fast 223–223 CW Slow 224–224 Stop 225–254 CCW Slow 255–255 CCW Fast
9	Color Wheel Fine	0	Fine byte of Color Wheel
10	Gobo	0	0–5 open (wheel slot 1) 6–20 Gobo1 (wheel slot 2) 21–35 Gobo2 (wheel slot 3) 36–50 Gobo3 (wheel slot 4) 51–65 Gobo4 (wheel slot 5) 66–80 Gobo5 (wheel slot 6) 81–95 Gobo6 (wheel slot 7) 96–110 Gobo 1 shake (wheel slot 2) 111–125 Gobo 2 shake (wheel slot 3) 126–140 Gobo 3 shake (wheel slot 4) 141–155 Gobo 4 shake (wheel slot 5) 156–170 Gobo 5 shake (wheel slot 6) 171–185 Gobo 6 shake (wheel slot 7) 186–192 open (wheel slot 1) 193–222 CW Fast 223–223 CW Slow 224–224 Rot stop 225–254 CCW Slow 255–255 CCW Fast

Standard 32CH (continued)

Ch	Function	Default	DMX values
11	Gobo Rotation	0	0–5 Rot off 6–128 Position 0-540 129–190 CW Fast 191–191 CW Slow 192–192 Rot stop 193–254 CCW Slow 255–255 CCW Fast
12	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
13	Gobo 2	0	0–5 Open (wheel slot 1) 6–18 Gobo 1 (wheel slot 2) 19–31 Gobo 2 (wheel slot 3) 32–44 Gobo 3 (wheel slot 4) 45–57 Gobo 4 (wheel slot 5) 58–70 Gobo 5 (wheel slot 6) 71–83 Gobo 6 (wheel slot 7) 84–96 Gobo 7 (wheel slot 8) 97–109 Gobo 1 shake (slow-fast) (wheel slot 2) 110–122 Gobo 2 shake (slow-fast) (wheel slot 3) 123–135 Gobo 3 shake (slow-fast) (wheel slot 4) 136–148 Gobo 4 shake (slow-fast) (wheel slot 5) 149–161 Gobo 5 shake (slow-fast) (wheel slot 6) 162–174 Gobo 6 shake (slow-fast) (wheel slot 7) 175–187 Gobo 7 shake (slow-fast) (wheel slot 8) 188–192 Open (wheel slot 1) 193–222 CW Slow 223–223 CW Fast 224–224 Stop 225–254 CCW Fast 255–255 CCW Slow
14	Zoom	128	0–127 Narrow 128–254 Middle 255–255 Wide
15	Focus	128	0–254 0% 255–255 100%
16	Iris	0	0–224 Open 225–225 Close 226–234 Pulse up slow 235–235 Pulse up fast 236–244 Pulse dowm slow 245–245 Pulse dowm fast 246–254 Random effect slow 255–255 Random effect fast
17	Prism	0	0–5 Open (wheel slot 1) 6–130 Prism 1 (6 liner Prism) (wheel slot 2) 131–255 Prism 2 (4 Facet Prism) (wheel slot 3)
18	Prism Rotation	0	0–5 Rot Off 6–128 Position 0-540 129–190 CW Slow 191–191 CW Fast 192–192 Stop 193–254 CCW Fast 255–255 CCW Slow
19	Frost1	0	0–254 0% 255–255 100%
20	Frost2	0	0–254 0% 255–255 100%

Standard 32CH (continued)

Ch	Function	Default	DMX values
21	Animation Wheel1	0	0–5 Rot Off 6–128 Position 0-540 degrees 129–190 Rot CW Slow 191–191 Rot CW Fast 192–192 Stop 193–254 Rot CCW Fast 255–255 Rot CCW Slow
22	Blade1A	0	
23	Blade1B	0	
24	Blade2A	0	
25	Blade2B	0	
26	Blade3A	0	
27	Blade3B	0	
28	Blade4A	0	
29	Blade4B	0	
30	Shaper Rot	128	0–127 Rotation from 0 128–254 Rotation from 60 255–255 Rotation from 120
31	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theater 101–255 Default to Unit Setting
32	Control1	0	0–53 no function 54–65 Fan Auto (Hold 3s) 66–70 Fan Silent (Hold 3s) 71–77 Fan High (Hold 3s) 78–89 Linear Dimmer Curve (hold 3s) 90–101 Square Dimmer Curve (hold 3s) 102–113 Inv-Square Dimmer Curve (hold 3s) 114–125 S - Dimmer Curve (hold 3s) 126–137 1200 Hz (hold 3s) 138–149 3600 Hz (hold 3s) 150–161 5000 Hz (hold 3s) 162–173 10000 Hz (hold 3s) 174–185 15000 Hz (hold 3s) 186–197 20000 Hz (hold 3s) 198–209 25000 Hz (hold 3s) 210–221 No function 222–233 Reset only Head (Hold 3s) 234–255 Reset All Functions (Hold 3s)

Extended 47CH

47 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 0% 255–255 100%
2	Dimmer Fine	0	Fine byte of Dimmer

Extended 47CH (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	50	0–31 closed 32–63 open 64–94 min Strobe 95–95 max Strobe 96–127 shutter open(2) 128–158 min pulse 159–159 max pulse 160–191 shutter open(3) 192–222 min Random 223–223 max Random 224–255 shutter open(4)
4	Cyan	0	
5	Cyan Fine	0	Fine byte of Cyan
6	Magenta	0	
7	Magenta Fine	0	Fine byte of Magenta
8	Yellow	0	
9	Yellow Fine	0	Fine byte of Yellow
10	C TO	0	0–254 6500K 255–255 2700K
11	C TO Fine	0	Fine byte of C TO
12	Color Wheel	0	0–5 Color off (open) (wheel slot 1) 6–115 index 116–120 Open (wheel slot 1) 121–130 Deep Red (wheel slot 2) 131–140 Medium Blue (wheel slot 3) 141–150 Deep Green (wheel slot 4) 151–160 Amber (wheel slot 5) 161–170 Lavender (wheel slot 6) 171–180 CTB (wheel slot 7) 181–192 Open2 (wheel slot 1) 193–222 CW Fast 223–223 CW Slow 224–224 Stop 225–254 CCW Slow 255–255 CCW Fast
13	Color Wheel Fine	0	Fine byte of Color Wheel
14	Gobo	0	0–5 open (wheel slot 1) 6–20 Gobo1 (wheel slot 2) 21–35 Gobo2 (wheel slot 3) 36–50 Gobo3 (wheel slot 4) 51–65 Gobo4 (wheel slot 5) 66–80 Gobo5 (wheel slot 6) 81–95 Gobo6 (wheel slot 7) 96–110 Gobo 1 shake (wheel slot 2) 111–125 Gobo 2 shake (wheel slot 3) 126–140 Gobo 3 shake (wheel slot 4) 141–155 Gobo 4 shake (wheel slot 5) 156–170 Gobo 5 shake (wheel slot 6) 171–185 Gobo 6 shake (wheel slot 7) 186–192 open (wheel slot 1) 193–222 CW Fast 223–223 CW Slow 224–224 Rot stop 225–254 CCW Slow 255–255 CCW Fast

Extended 47CH (continued)

Ch	Function	Default	DMX values
15	Gobo Rotation	0	0–5 Rot off 6–128 Position 0-540 129–190 CW Fast 191–191 CW Slow 192–192 Rot stop 193–254 CCW Slow 255–255 CCW Fast
16	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
17	Gobo 2	0	0–5 Open (wheel slot 1) 6–18 Gobo 1 (wheel slot 2) 19–31 Gobo 2 (wheel slot 3) 32–44 Gobo 3 (wheel slot 4) 45–57 Gobo 4 (wheel slot 5) 58–70 Gobo 5 (wheel slot 6) 71–83 Gobo 6 (wheel slot 7) 84–96 Gobo 7 (wheel slot 8) 97–109 Gobo 1 shake (slow-fast) (wheel slot 2) 110–122 Gobo 2 shake (slow-fast) (wheel slot 3) 123–135 Gobo 3 shake (slow-fast) (wheel slot 4) 136–148 Gobo 4 shake (slow-fast) (wheel slot 5) 149–161 Gobo 5 shake (slow-fast) (wheel slot 6) 162–174 Gobo 6 shake (slow-fast) (wheel slot 7) 175–187 Gobo 7 shake (slow-fast) (wheel slot 8) 188–192 Open (wheel slot 1) 193–222 CW Slow 223–223 CW Fast 224–224 Stop 225–254 CCW Fast 255–255 CCW Slow
18	Zoom	128	0–127 Narrow 128–254 Middle 255–255 Wide
19	Zoom Fine	0	Fine byte of Zoom
20	Focus	128	0–254 0% 255–255 100%
21	Focus Fine	0	Fine byte of Focus
22	Iris	0	0–224 Open 225–225 Close 226–234 Pulse up slow 235–235 Pulse up fast 236–244 Pulse dowm slow 245–245 Pulse dowm fast 246–254 Random effect slow 255–255 Random effect fast
23	Prism	0	0–5 Open (wheel slot 1) 6–130 Prism 1 (6 liner Prism) (wheel slot 2) 131–255 Prism 2 (4 Facet Prism) (wheel slot 3)
24	Prism Rotation	0	0–5 Rot Off 6–128 Position 0-540 129–190 CW Slow 191–191 CW Fast 192–192 Stop 193–254 CCW Fast 255–255 CCW Slow
25	Frost1	0	0–254 0% 255–255 100%
26	Frost2	0	0–254 0% 255–255 100%

Extended 47CH (continued)

Ch	Function	Default	DMX values
27	Animation Wheel1	0	0–5 Rot Off 6–128 Position 0-540 degrees 129–190 Rot CW Slow 191–191 Rot CW Fast 192–192 Stop 193–254 Rot CCW Fast 255–255 Rot CCW Slow
28	Blade1A	0	
29	Blade1A Fine	0	Fine byte of Blade1A
30	Blade1B	0	
31	Blade1B Fine	0	Fine byte of Blade1B
32	Blade2A	0	
33	Blade2A Fine	0	Fine byte of Blade2A
34	Blade2B	0	
35	Blade2B Fine	0	Fine byte of Blade2B
36	Blade3A	0	
37	Blade3A Fine	0	Fine byte of Blade3A
38	Blade3B	0	
39	Blade3B Fine	0	Fine byte of Blade3B
40	Blade4A	0	
41	Blade4A Fine	0	Fine byte of Blade4A
42	Blade4B	0	
43	Blade4B Fine	0	Fine byte of Blade4B
44	Shaper Rot	128	0–127 Rotation from 0 128–254 Rotation from 60 255–255 Rotation from 120
45	Shaper Rot Fine	0	Fine byte of Shaper Rot
46	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theater 101–255 Default to Unit Setting
47	Control1	0	0–53 no function 54–65 Fan Auto (Hold 3s) 66–70 Fan Silent (Hold 3s) 71–77 Fan High (Hold 3s) 78–89 Linear Dimmer Curve (hold 3s) 90–101 Square Dimmer Curve (hold 3s) 102–113 Inv-Square Dimmer Curve (hold 3s) 114–125 S - Dimmer Curve (hold 3s) 126–137 1200 Hz (hold 3s) 138–149 3600 Hz (hold 3s) 150–161 5000 Hz (hold 3s) 162–173 10000 Hz (hold 3s) 174–185 15000 Hz (hold 3s) 186–197 20000 Hz (hold 3s) 198–209 25000 Hz (hold 3s) 210–221 No function 222–233 Reset only Head (Hold 3s) 234–255 Reset All Functions (Hold 3s)